

FIGURE 1

20  
22 ~<person>  
24 ~<name>John</name>  
26 ~<surname>Smith</surname>  
28 ~</person>

FIGURE 2

40  
42 ~<schema>  
44 ~<element name="person">  
46 ~<complex type>  
48 ~<sequence>  
50 ~<element name = "name">  
52 ~<element name = "surname">  
54 ~</sequence>  
56 ~</complex type>  
58 ~</element name>  
60 ~ </schema>

70

FIGURE 3

72 ~ class Person {  
74 ~ String name;  
76 ~ String surname;  
78 ~ String getName( ) { }  
80 ~ String getSurname( ) { }  
82 ~ void setName(String newName) { }  
84 ~ void setSurname(String newSurname) { }  
}

FIGURE 4

90  
q2 ~ class Person {  
q4 ~ static class Name extends SimpleTypeString {  
q6 ~ public static String name() { return "name";}  
q8 ~ public Name(String v) { super (v);}  
 }  
100 ~ static class Surname extends SimpleTypeString {  
102 ~ public static String name() { return "surname";}  
104 ~ public Surname(String v) { super (v);}  
 }  
106 ~ protected void structure() {  
108 ~ addParticle(new SequenceParticle){  
110 ~ protected void structure() {  
112 ~ addParticle(new ElementParticle("name"));  
114 ~ addParticle(new ElementParticle("surname"));  
 }  
});  
 }  
}

120  
Figure 5

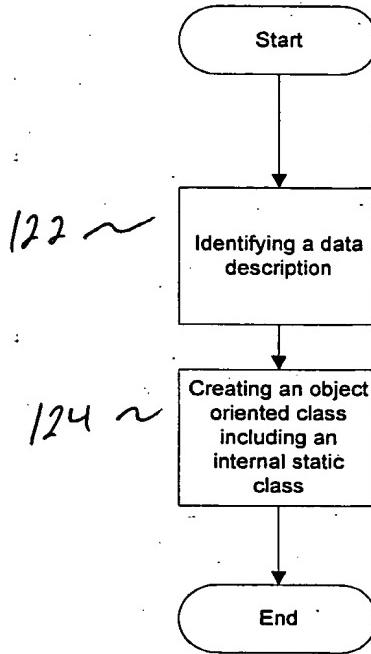


Figure 6

